What is claimed is:

1. An organic EL element drive circuit for current-driving terminal pins of an organic EL display panel, which are provided correspondingly to R, G and B display colors, by supplying output currents thereto, comprising:

a plurality of peak current generator circuits provided correspondingly to said terminal pins, for generating peak currents corresponding to widths of predetermined pulse signals; and

a pulse generator circuit for generating the predetermined pulse signal, the predetermined pulse signal including a first, second and third pulses having pulse widths determined according to data, which is set externally, the first pulse being supplied to a plurality of said peak current generator circuits provided correspondingly to said terminal pins for R display color, the second pulse to a plurality of said peak current generator circuits provided correspondingly to said terminal pins for G display color and the third pulse to a plurality of said peak current generator circuits provided correspondingly to said terminal pins for B display color.

2. An organic EL element drive circuit as claimed in claim 1, wherein a generation timing of the first, second and third pulses defines a start timing of light emission of said organic EL elements, the width of the first pulse is larger than that of the second or third pulse and said peak current generator circuits generate the peak currents having periods corresponding to the

pulse widths, respectively.

3. An organic EL element drive circuit as claimed in claim 2, further comprising a reference current generator for generating reference currents for the respective G, R and B display colors, wherein said pulse generator circuit is a programmable pulse generator circuit for generating pulses having programmable pulse width, a plurality of said peak current generator circuits corresponding to said terminal pins for R display color generate the peak currents according to the reference current for R display color, a plurality of said peak current generator circuits corresponding to said terminal pins for G display color generate the peak currents according to the reference current for G display color and a plurality of said peak current generator circuits corresponding to said terminal pins for B display color generate the peak current according to the reference current for B display color.

4. An organic EL element drive circuit as claimed in claim 3, further comprising a plurality of first D/A converter circuits and a corresponding number of current sources, both of which are provided correspondingly to said terminal pins, wherein each of said peak current generator circuits for R display color is provided between each of said first D/A converter circuits and each of said current sources, which are provided correspondingly to said terminal pins for R display color, each of said peak current generator circuits for G display color is provided between each of said first D/A converter circuits and each of said

current sources, which are provided correspondingly to said terminal pins for G display color, each of said peak current generator circuits for B display color is provided between each of said first D/A converter circuits and each of said current sources, which are provided correspondingly to said terminal pins for B display color, said first D/A converter circuits for R, G and B display colors receive either the reference currents corresponding to respective R, G and B display colors or drive currents derived from the reference currents and display data, D/A convert the display data according to the reference currents or the drive currents and drive said peak current generator circuits according to currents obtained by the D/A conversion, and the display data is inputted externally of said organic EL element drive circuit.

5. An organic EL element drive circuit as claimed in claim 4, wherein each said current source is constructed with a current mirror circuit, said reference current generator includes three reference current generator circuits provided correspondingly to respective R, G and B display colors and current values of the reference currents of said reference current generator circuits are set according to the data, which is set externally.

6. An organic EL element drive circuit as claimed in claim 5, wherein each said reference current generator circuit includes a second D/A converter circuit for D/A converting the data set externally of said reference current generator circuit and the data D/A converted by said second D/A converter circuit is inputted

externally of said organic EL element drive circuit.

7. An organic EL element drive circuit as claimed in claim 4, wherein the second pulse and the third pulse are identical.

8. An organic EL element drive circuit as claimed in claim 7, wherein each said current source is constituted with a current mirror circuit, said reference current generator includes three reference current generator circuits provided correspondingly to respective R, G and B display colors and current values of the reference currents of said reference current generator circuits are set according to the data set externally.

9. An organic EL element drive circuit as claimed in claim 8, wherein each said reference current generator circuit includes a second D/A converter circuit for D/A converting the data set externally of said reference current generator circuit and the data D/A converted by said second D/A converter circuit is inputted externally of said organic EL element drive circuit.

10. An organic EL element drive circuit as claimed in claim 9, wherein said reference current generator circuits for B and G display colors are constituted with a single reference current generator circuit and the second pulse and the third pulse are a same pulse.

11. An organic EL element drive circuit for current-driving terminal pins of an organic EL display panel, which are provided correspondingly to R, G and B display colors, by supplying output currents thereto, comprising:

a first peak current generator circuit provided correspondingly to said terminal pins for R display color for adding a peak current having a period and a predetermined value corresponding to a pulse width of a first pulse predetermined pulse signal to the output current;

a second peak current generator circuit provided correspondingly to said terminal pins for G display color for adding a peak current having a period and a predetermined value corresponding to a pulse width of a second pulse predetermined pulse signal to the output current;

a third peak current generator circuit provided correspondingly to said terminal pins for B display color for adding a peak current having a period and a predetermined value corresponding to a pulse width of a third pulse predetermined pulse signal to the output current; and

a programmable pulse generator circuit for generating the first, second and third pulses having programmable pulse widths determined according to data, which is set externally thereof, with a predetermined timing.

12. An organic EL element drive circuit as claimed in claim 11, further comprising a plurality of D/A converter circuits and current sources corresponding in number to said D/A converter circuits, said D/A converter circuits and said current sources being are provided correspondingly to said terminal pins, each said D/A converter circuits being adapted to D/A-convert the display data according to a current as a

reference for a current-drive of said organic EL display panel, wherein each of said first peak current generator circuits for R display color is provided between each of said D/A converter circuits and each of said current sources for R display color, each of said second peak current generator circuits for G display color is provided between each of said D/A converter circuits and each of said current sources, which are provided correspondingly to said terminal pins for G display color, each of said third peak current generator circuits for B display color is provided between each of said first D/A converter circuits and each of said current sources, which are provided correspondingly to said terminal pins for B display color, the predetermined timing for generating the first, second and third pulses is a timing for starting light emission of said organic EL elements.

13. An organic EL element drive circuit as claimed in claim 12, wherein each said current source is constructed with a current mirror circuit, the reference currents are generated by reference current generator circuits each having a second D/A converter circuit and the reference currents for respective R, G and B display colors are generated according to data set in said second D/A converter circuits externally thereof.

14. An organic EL display device having said organic EL element drive circuit as claimed in any of claims 1 to 13.

15. An organic EL display device as claimed in claim 14,

further comprising a processor, wherein the data set in said pulse generators or said programmable pulse generator circuit and the data set in said reference current generator circuits are set by said processor according to data inputted thereto.